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## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

		Application Number	09/690,580
		Filing Date	October 17, 2000
		First Named Inventor	Vladislav Vashchenko et al.
		Group Art Unit	2814
		Examiner Name	D. Farahani
Total Number of Pages in This Submission	14	Attorney Docket Number	072219-0276286 (P04802)

## ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input checked="" type="checkbox"/> Drawing(s) 4 sheets (Informal)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment/Response to Paper No. 5	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final (Response)	<input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
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<input type="checkbox"/> Response to Missing Parts/Incomplete Application		<b>Remarks</b>
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		Please charge any deficiencies in fees or overpayment to Deposit Account No. 03-3975 (a copy of this transmittal is enclosed for this purpose).

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Mark C. Pickering, Reg. No. 36,239
Signature	
Date	January 16, 2002

## CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Box Non-Fee Amendment, Commissioner for Patents, Washington, D.C. 20231 on this date: January 16, 2002

Typed or printed name	Robin L. King	Date	January 16, 2002
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09/690,580

Response to Office Action Mailed October 24, 2001

PATENT



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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FEB 7 2002  
TC 2000 P.M.

In re Patent Application of:

Vladislav Vashchenko, et al.

Appn. No.: 09/690,580

Filed: October 17, 2000

For: BIPOLAR TRANSISTOR-BASED  
ELECTROSTATIC DISCHARGE (ESD)  
PROTECTION STRUCTURE WITH A  
HEAT SINK

Commissioner for Patents  
Washington, D.C. 20231

Group Art Unit: 2814

Examiner: D. Farahani

RESPONSE TO OFFICE ACTION MAILED  
OCTOBER 24, 2001

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Washington D.C. 20231-9999 on 01-16-02.

Dated: 01-16-02 By: Suzanne H. King

Dear Sir:

In response to the Official Action mailed October 24, 2001, please amend the above-identified application as follows:

In the Claims

Claims 7-8 have been cancelled.

Please add the following new claims:

--9. An electrostatic discharge device formed in a first semiconductor material, the device comprising:

a collector region of a first conductivity type formed in the first semiconductor material;

a base region of a second conductivity type formed in the collector region;

an emitter formed on the first semiconductor material on the base region, the emitter having a top surface;

a base extender formed on the first semiconductor material on the base region, the base extender being formed from a second semiconductor material that is different from the first semiconductor material;

Atty. Docket No.: 072219-0276286

(P04802)  
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